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FIGURES

FIG. 1a

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-2433                                CCTCATGGAGTATTCTCATAACTGTCTTCAGTA
-2400 TGAATGAATCATACAATAGAACGGCAGCGAAGAAATAGACTTCGCCCTGAACTAGACNTAAGSACAACATAGCCACCATAAGGG
-2320 GAAAGGCACTTCAAGGCTCTTTATCCCBTAGGCTGCACACACATAACBACATAACBACCACTGGGCAAGGGGCAATTTACAGC
-2240 CACCCGTGGGTCAATCAAGGTCCTCCTCACTCAGCTTTAGAACTAAGGGTTTGAAGAGATGATCTTTCTTCAGTTTTTC
-2160 TTACACGAATTCATTCACCTTTGGACACATTTACAAATTGAGTCCAACTTAACCGGCTACTTTCATTAGCCCTGAGGG
-2080 ATTTTAAAAAAACTTTCACTGCCCGCAGGCTCTTCAAAACATCTTTTCTCATTATCAAGTGAGGCATTTTCTCAAAAG
-2000 TANGGTTTGGAGAGCTTTATATCAAAATAGCATAAGTTTTTCACGTAAGTTTCATAACATTTACTTGCATCTCAACA
-1920 CTTCGTCTTAAACATCTAGGATATTTCTTAGATATTTCTTCATACTCAAGTCTCAGACTTGAAATCAATCAAGACTCTTAG
-1840 ACTAACAATTCCTGAATATACCTCATATATCATCTCTACTTAAACTAGAGAGATTTGCAACTCTCAATTAATCACCAAA
-1760 GGTAACTCTCCAAATATCCAAATGGAGGTTTCAACTTCCAAACTAATAACCAACCAACGGGACTAATCATATCATATT
-1680 CATAATCATAAATTTGTTTCTAACTGCCCTGTCCAGAAATTTACAGTTTTGGCAGTCCGAAAGATTBAGGGGTAACAAAT
-1600 AGTTCCGCACTCTTTTCACTTGAAATTTTTATGGTAGAACCTAACTTATAGTACTTGATATCCATAAAAAGTTTTGG
-1520 TCACTAGGTTTACGAATTAACACAGAAATTACATCTTTGCCCTTGGCAGTGGGCTGTCCGGAATCTGTCTCTCTGGA
-1440 CCAGTTTTGGCAAGCAATTTTGAAGCAGACTTATACTACTCCAAAAATTATGAAATTTTTATGGTAGCTTCTACAGTTA
-1360 TAGAAGTACATGTATAAAAAATATTGGGTCAAAATACCTTAACGATTTTTTCCAAATATTCAAGCACTTACTGCCAGAA
-1280 TCTAACCTGCTTTTCTTTCACTATTTTCACAACTATAAGGATATATGGGCATAAATATGACATGAAATGCAATGAACC
-1200 AATGCAGGGTGAAAGTAAGATTGAATATACTGATACTACAAATTAAGTAATGATAAGTATAACTTTTTGTAATAATTTGA
-1120 TTTTFTTTTTCATGAATTCATATAGTCCAAAGATTTTCTGATTTAATTAATTTCTATCTCATGTTGAAGCCATTAA
-1040 TCGAATAATTGACATATTAGATAAACTTAGGCATCATATGACATTTGATCATGATTGATGATTTTTTAAAAATAAAAACA
-960 AAATATGAAAGGGTAATGAATATTTTAAAAAAATTATGTAAACCTGTAAATCTAGTAATCTGTACAAATAATATTTG
-880 TTTCAACTAAGAGGATGTTGGCAAAAGTAAATTAACCTTGTGATCTTCGTACAATAATTATGCTTACGGACTCAACTA
-800 GTGACATCTTTCCAGGCAAAATTTACITTTCTATGAATATGAGAAGTTCCATCTATGSAATAAAGGATTATTTATCTAA
-720 TTTTCAAAATCTATATATATAGTCTCGAGTGGAAACAAAAATAGAACTAATTTGAAACAAATCAAAATCTAAGAAANTAATA
-640 CATGCTTTAGCAGCAAAAAATAAGAAATGGTACTATACTTAATCTCATCATAGTGTTCACCCCTGCATATAGCAGACTTAA
-560 CATTTTATATTCAAATATAGTTTAATTTAGTCATGATAATACAACTCACCTACTOCATTATAGGCGATAATAGAACTCAC
-480 CTAGCTACTOCATTATAGTCCAAACAATATCAAAATGAATAAATAGTAATGGTGCTTAAAGGGCTGAATCCAAACATATAT
-400 TCTGACATTTAAAAATGCTAACGTACGGTTAGATTAGTATAATGAAATAAAGTAAATCATCTCTATATTTGATGATGCT
-320 AATTAGTATCATGGTAAGGTGTTTTATCGTGGCAGCATGAGTGCATGACAAACGCATATATTTATTATTAAAGAAAAATAG
-240 TACTCCAAATCATAATAAATATCTTATATATATTTCCCAAGATTTAAAAATTCAAATTAGAACAAATTAATCTCAGTTT
-160 GCTTTATTTATATTATTCACAAATAATAATTTAATAGTATCGAAGAACTTTCCCTTTCAAGTTCTCTATTTAAGGAAG
-80 CCTGAGAAAGCCATTAACTCATCATCAGCTCGACCACTCATTTCTTCTTCATCTTCTTTGCTGTGATATCATCATC

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FIG. 1b

ATGGCTTCTTTGTCACTCGGCTCAGGCTGGGCTTAGCTTCATCGGCTAGGCTAGCTGGCTTCTCCATTTACGAGAA 80
 M A S F V T R L S L A L S F I A L A L A G F S I Y Q N
 TAGGCATACAGCCATGAAAGGGCAGCTTAAGCTCACCCGAAAGTGGCTGGTAGACAAGACTCTAGAGTGGTCAGTGGGCG 160
 T H T A M K G Q L K E T P K W L L D N T L E S S V A
 AGTGGCTCTCACTAGGCTAGGCTATCTGCTCGGCAAGGTTTCCGACGAAGACTGCATATTCTCGGCGGTTAAGGAAGTG 240
 D V L S L R L G I S S G K L S D E D C I F S A V K E V
 GTGSAAGCCGCGGATTGATGCAGAAACCGCATGGGTGGTTCGCTCATTCGCTCTTCTTCCATGACTGGCTTTGTTGATGT 320
 V D A A I D A E T R M Q A S L I R L F F H D C F V D
 ACGTACGCTAATTTGTACGATGATGTTTTTTTTTTTTTTTTTTTTTCCACGCGATTATATTAGGAAATTAACAGAA 400
 TTGAAATGTGTGTTATTAAATGTAATTATCTGAGGGTTGTGACGCGAGGCTCTTCTAGTAAACGATACAGCTACTTTGACCGG 480
 G C D A G L L L N D T P T F T G
 AGAACAGACCGCGCGCGCAATAAATACTCAGTCAGAGGTTTTGAGGTGATACAACAAGCTAAAGAGAATGTGATAACCA 560
 E Q T A G G N N N S V T G F E V I Q Q A K E N V I T K
 AATGTCCCTACATACAAGTATCTTGTGCGGAGATCTTATCCATTGCTGCCCGTGATTCTTTCCAGAGAGTAAGTGCATTT 640
 C P Y I Q V S C A D I L S I A A R D S F Q R
 ATTTCTAAAGGTTGAAATTAATAAGAACAGGAATCCAAACAATAACAGACAGTAAAAAAAAAGATTATGTGGTTTGA 720
 CAATATGTTGAATTTGTTTTATATTTAATGAGTAGTATTTATGCATTATATTTATATGCAAGCTCTAAACATGCGAGTTA 800
 F
 CTGGAGAAACGTACACCGTGACTCTGGGAAGACTCGATGCAGAACGGCGAAGCTTACCGGAGCTAACAGCCCACTGGTC 880
 T G E T Y T V T L G R L D A R T A N L T G A N T Q L V
 GGAOCAAACGAGGAATTGGCATCGCAAGTOSAGAAATTTGGGCGCAAGGGTTCTCCGMAACGGAGCTAGTGGCTTGT 960
 G P N E E L A S Q V E K F A A K Q F S E T E L V A L L
 AGGTGTTCAACGCTTGGGTTTTGGAGATGTCCGCTTTTATGCGTTGCCATTTTCATGAATCCGCGCGCGGCTCCAGGC 1040
 G V H T V G F S R C P L L G V P I F I N P A R A S T
 TGCAATGCAACTGTCCGCTGAGTCCCGACGAGACCGGGCTGGTGGGCGCTGGACCCGACTCCGTTGAGCTGGGACCAAGT 1120
 L Q C N C P V S P D D T G L V G L D P T P L T W D Q S
 TTTTACTCCGAAGTGGCTAACGGACAAAGGCTTCTGTTCTCCGACAAAGAGCTGATGAATAGCAACACCACCAGGGCGGC 1200
 F Y S D V A N G Q G L L F S D N E L M N S N T T S A A
 CGTTAGGAGGTACAGGGACGAGATGACGGTTTTCTGCGCGATTTGCGCGCGCGCATGGTGAAGATGAGCTGCTGCGCGC 1280
 V R R Y R D E M D A F L A D F A A A M V K M S L L P
 CGTCCCGCGAGTGGAGCTGGAATCCGAGAGGTTTGCAGCGAGGTGAATGCGAACACAGTTGCATCCATGTGAAGTTGG 1360
 P S P G V E L E I R E V C S E V N A N T V A S H
 TTCCCATGACATCAATAAGCTCTGTGATTCTGTGAAGTTTACTCGGAGTGTGAAGAATTTTCACTTTCTGTTGTTTC 1440
 TGAAATAAAAAAGATTTTTTTTTTATGTCTTAACAAAAGCTGTATTACTGAAATAAAATTTATAAATTGTGA 1512

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FIG. 2

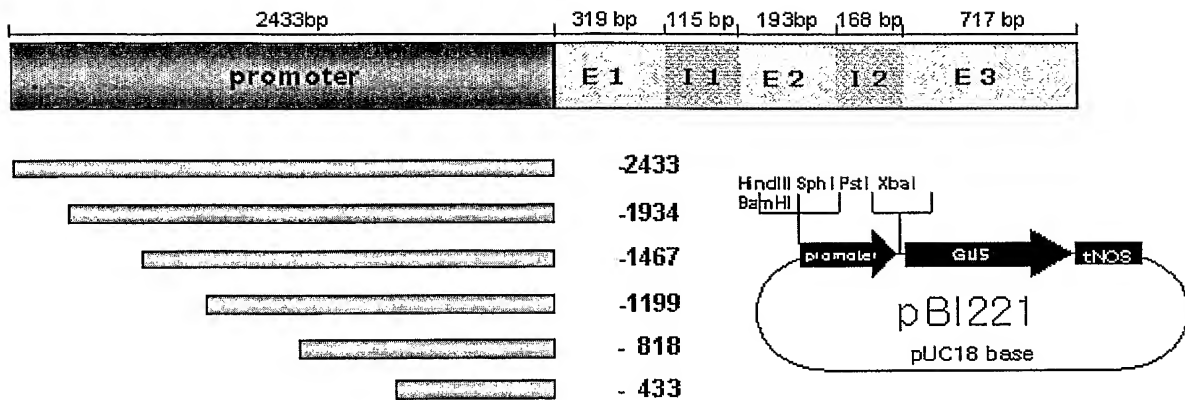


FIG. 3a

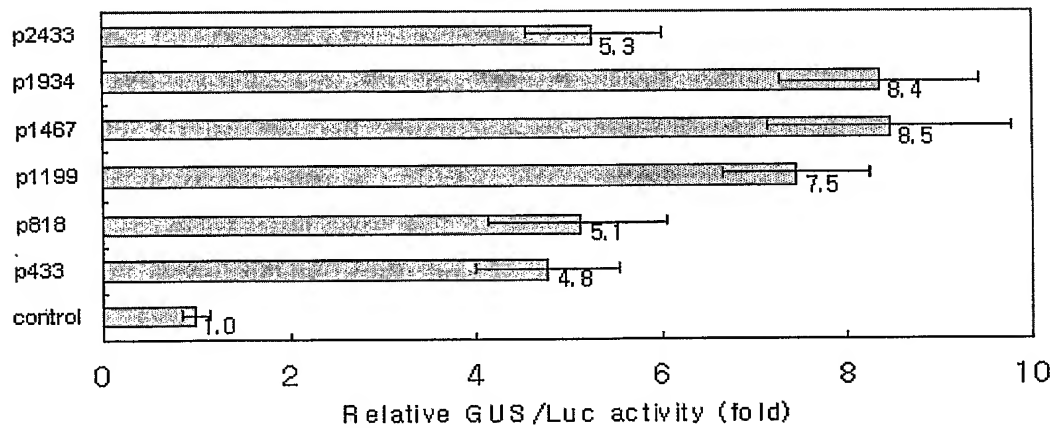


FIG. 3b

